INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

FOR FURTHER ACTION

(PCT Article 36 and Rule 70)

See Form PCT/IPEA/416

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this report	Date of completion of		e demand	di lo noissimdus	Date of	
	Box No. VIII Certain observations on the international application					
	Retrain defects in the international application			Box No. VII	\Box	
	Box No. VI Certain documents cited					
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement				Box No. V	X	
ack of unity of invention				Box No. IV		
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Basis of the report				Box No. I	X	
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Priority date (day/month/year) 17 February 2004	date (day/month/year)	International filing 17 February 2005		GG2005/000043		
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Applicant's or agent's file reference

и	If item 4 applies, some or all of those sheets may be marked "superseded	
	any table(s) related to the sequence listing (specify):	
	the sequence listing (specify):	
	the drawings, sheets/figs	
	the claims, Nos.	
	the description, pages	
nts annexed to this report and listed below had not been osure as filed, as indicated in the Supplemental Box (Rule	This report has been established as if (some of) the amendmen made, since they have been considered to go beyond the discland. 20.2(c)).	
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	the claims, Nos.	
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	the international application as originally filed/furnished	
sport is based on (replacement sheets which have been sport as "originally	With regard to the elements of the international application, this re furnished to the receiving Office in response to an invitation under filed" and are not annexed to this report):	
	international preliminary examination (Rules 55.2(a) a	ľ
((s)\$. <u>\$1</u> 5	publication of the international application (under Rule	
	international search (under Rules 12.3(a) and 23.1 (b))	
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Basis of the report

Box No. I

			Citations and explanations (Rule 70.7)	7.
ON		Claims		
SEX	IÞ-I :	Claims	Industrial applicability (IA)	
ON		Claims		
XES	Ib-I	Claims	Inventive step (IS)	
ON		Claims		
XES	Ib-I	Claims	Novelty (N)	
			Statement	π

Novelty and Inventive Step

colour wavelength. of the p+ region and the N-well and P- substrate in turn to allow current to flow when each layer detects a certain well beneath, and P-substrate beneath that in turn. Electrical gate contacts on the top surface contact both sides Eb 1 000 282 discloses a three colour detection pixel sensor comprising a top doped p+ layer confacted by an N-

.inpinging light. region below again. Electrical contacts are placed in contact with the regions to determine current flowing due to US 5 965 875 discloses a three colour sensor with three stacked n-p-n- levels with a possible fourth doped p

induced by a particular wavelength in each level. SU 1689768 discloses a three pn junction colorimetric sensor one above another which use photocurrents

selectivity to induce a current proportional to the light detected. JP 07-038136 discloses a photodetective element composed of pn junctions different to each other in wavelength

1-41 can be said to be novel and to have an inventive step. None of the cited art discloses two junctions with a connecting material between the junctions. Therefore claims

The claims are directed to manufacturing and therefore can be said to Industrially applicable.